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| <b>TRANSMITTAL<br/>FORM</b><br><br><i>(to be used for all correspondence after initial filing)</i> | Application Number   | 10/700,971             |                         |
|  | Filing Date          | November 4, 2003       |                         |
|  | First Named Inventor | Muthiah Manoharan      |                         |
|  | Art Unit             | 1635                   |                         |
|  | Examiner Name        | Sean McGarry           |                         |
| Total Number of Pages in This Submission   | 11                   | Attorney Docket Number | CHEM0005US.P1/ISIS-5782 |

| ENCLOSURES (Check all that apply)  |  |   |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT   |  |   |
| Firm Name  | Woodcock Washburn LLP  |   |
| Signature  | /Jane E. Inglese/  |   |
| Printed name   | Jane E. Inglese, Ph.D.   |   |
| Date   | July 7, 2010   | Reg. No. 48,444   |

| CERTIFICATE OF TRANSMISSION/MAILING   |  |      |  |
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